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# TECHNICAL MEMORANDUM

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A Bibliography on Information Science  
and Technology for 1966. Part III.

By  
Frances Neeland  
25 November 1966

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Abstract

The primary aim of this continuing bibliography is to assist the authors of the chapters in "Annual Review of Information Science and Technology" in discovering the existence or determining the identity of documents relevant to their topics. The style of entries also reflects the author's requirements. The "Abbreviations and Index for Periodicals Cited" is cumulative for parts I through III.

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Preface

The National Science Foundation has awarded a grant to the American Documentation Institute to support the establishment of the series, "Annual Review of Information Science and Technology." The System Development Corporation is providing general technical support to ADI, with Dr. Carlos A. Cuadra serving as Editor.

The abbreviations for the periodical titles in this document are based on the rules in "American Standard for Periodical Title Abbreviations," (Z 39.5-1963)

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ABBREVIATIONS & INDEX FOR PERIODICALS CITED<sup>1</sup>

ADI Newslett.--American Documentation Institute Newsletter  
[665; 703; 774; 838; 846; 927]

Admin. Manage.--Administrative Management  
[867]

ALA Bull.--American Library Association Bulletin  
[189; 270; 699; 767; 802; 860] 1058; 1393; 1420; 1427

Amer. Antiq.--American Antiquity  
1060

Amer. Archiv.--American Archivist  
1131

Amer. Behav. Sci.--American Behavioral Scientist  
[206] 1150; 1178; 1259; 1330; 1464

Amer. Doc.--American Documentation  
[56; 108; 120; 134; 153; 158; 174; 235; 247; 252; 297; 299; 312; 314; 348;  
434; 461; 534; 615; 616; 657; 720; 758; 769; 868; 922] 1047; 1159; 1317;  
1415; 1425; 1469; 1478

Amer. Educ.--American Education  
[548]

Amer. J. Hosp. Pharm.--American Journal of Hospital Pharmacy  
[587; 593; 603; 636; 656; 757; 849; 923; 971]

Amer. J. Pathol.--American Journal of Pathology  
[292]

Amer. J. Pub. Health--American Journal of Public Health  
[479]

Amer. Polit. Sci. Rev.--American Political Science Review  
1056

Amer. Psychol.--American Psychologist  
[104; 328] 1373

Ann. Libr. Sci. Doc.--Annals of Library Science and Documentation  
[208; 245]

<sup>1</sup>References to items in Parts I and II of this bibliography are indicated by [ ].

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Appl. Opt.--Applied Optics  
[26; 229]

Arch. Pathol.--Archives of Pathology  
[945]

Ariz. Law Rev.--Arizona Law Review  
[842]

Army Inform. Dig.--Army Information Digest  
[501]

Aslib Proc.--Aslib Proceedings  
[569; 613; 634; 791; 794] 1173; 1186; 1187; 1263; 1264; 1279; 1313; 1481;  
1490

Austral. Libr. J.--Australian Library Journal  
[110]

Automation  
[466; 505; 780]

Automaz. Automat.--Automazione e Automatism  
[979]

Babel  
[121]

Banking  
[560]

Battelle Tech. Rev.--Battelle Technical Review  
[441] 1106; 1248

Behav. Sci.--Behavioral Science  
1148; 1160; 1377

Bell Lab. Rec.--Bell Laboratories Record  
[943] 1399

Bibliogr. Doc. Terminol.--Bibliography, Documentation, Terminology  
[480]

BioScience  
[4] 1258

Books  
1209

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Büch. Bild.--Bücherei und Bildung  
1168

Bull. Ass. Int. Doc.--Bulletin de l'Association Internationale des Documentalistes  
1337

Bull. At. Sci.--Bulletin of the Atomic Scientists  
[962]

Bull. Bibl. Fr.--Bulletin de Bibliothèques de France  
[283] 1054

Bull. Louisiana Libr. Assn.--Bulletin of the Louisiana Library Association  
[574]

Bull. Med. Libr. Ass.--Bulletin of the Medical Library Association  
[154; 575; 671; 782; 887; 888; 893; 907] 1040; 1182; 1275

Bull. Oper. Res. Soc. Amer.--Bulletin of the Operations Research Society of America  
1365

Bus. Automat.--Business Automation  
[8; 303] 1036; 1069; 1108; 1141; 1142; 1169; 1333; 1423

Bus. Manage.--Business Management  
[811]

Bus. Quart.--Business Quarterly  
[547]

Bus. Week--Business Week  
[532; 610; 673; 733] 1147

Chart. Mech. Eng.--Chartered Mechanical Engineering  
[557]

Chem. Brit.--Chemistry in Britain  
[729]

Chem. Can.--Chemistry in Canada  
[319]

Chem. Eng.--Chemical Engineering  
[516] 1364

Chem. Eng. News--Chemical and Engineering News  
[724] 1078; 1079

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Chem. Eng. Progr.--Chemical Engineering Progress  
[531; 644]

Chem. Lit.--Chemical Literature  
[487]

City Univ. N. Y. Grad. Newslett.--City University of New York Graduate  
Newsletter  
[446]

Civil Eng.--Civil Engineer  
[639]

Coll. Res. Libr.--College & Research Libraries  
[79; 93; 115; 248; 275; 279; 304; 357; 385; 450; 522; 545; 604; 618; 655;  
679; 756; 759; 776; 827; 876] 1049; 1093; 1228; 1428

Columbia J. World Bus.--Columbia Journal of World Business  
[751]

Commer. Vehic.--Commercial Vehicles  
[743]

Commun. ACM--Communications of the Association for Computing Machinery  
[21; 22; 30; 36; 57; 64; 101; 106; 330; 331; 366; 395; 396; 397; 398; 437;  
453; 460; 482; 494; 523; 556; 582; 652; 702; 771]

Comput. Automat.--Computers & Automation  
[530; 650] 1050; 1070; 1112; 1115; 1210; 1311; 1369; 1388; 1435; 1451

Comput. Bull.--Computer Bulletin  
[807]

Comput. Data Process. News--Computers & Data Processing News  
[306]

Comput. Design--Computer Design  
[415]

Comput. J.--Computer Journal  
[588; 805] 1291

Contr. Eng.--Control Engineering  
[591]

Cybernetica (Wamur)  
12/70

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D. C. Libr.--D. C. Libraries  
[1004]

Data  
[822]

Data Process.--Data Processing  
1048; 1094; 1143; 1249; 1331; 1350; 1444; 1482

Data Process. Educ.--Data Processing for Education  
[788; 1018]

Data Process. Mag.--Data Processing Magazine  
[70; 278; 321; 410; 948] 1061; 1114; 1144-1446; 1230-1232; 1360; 1363; 1375;  
1384; 1385; 1391; 1404-1410; 1459; 1460; 1476-1478; 1495; 1496

Datamation  
[37; 45; 80; 196; 200; 268; 350; 373; 553; 565; 589; 623; 645; 662; 732;  
806; 911; 935; 940; 941; 959; 1006] 1039; 1077; 1172; 1234; 1329; 1336; 1347;  
1402

Design Compon. Eng.--Design & Components in Engineering  
[817]

Design Electron.--Design Electronics  
[519]

Digital Comput. Newslett.--Digital Computer Newsletter  
[722; 736]

Discovery--Discovery  
[761]

Drexel Libr. Quart.--Drexel Library Quarterly  
[51; 68; 88; 113; 114; 179; 213; 250; 254; 349; 452]

Dun's Rev. Mod. Indus.--Dun's Review and Modern Industry  
[884]

Economist  
1113; 1282

EDP Weekly  
1357

Ekon. Gaz. (USSR)--Ekonomicheskaya Gazeta (USSR)  
[663]

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Electr. World--Electrical World  
[635]

Electron. Eng.--Electronic Engineering  
[906]

Electron. Ind.--Electronic Industries  
[692; 810; 854] 1194

Electron. Power--Electronics and Power  
[1013]

Electronics  
[164; 708; 880; 904]

Elektrotehnika (USSR)  
[5]

Engineer  
[988]

Engineering  
[579; 949] 1458

Ergonomics  
[711] 1310

Fin. Exec.--Financial Executive  
[630; 989]

Fomento (Lisbon)  
[430]

Food Eng.--Food Engineering  
[996]

For. Develop. Mach. Transl. Inform. Process.--Foreign Developments in Machine Translation and Information Processing  
[746] 1266

Found. Lang.--Foundations of Language  
1278

Gas  
[672]

Grid-Bull.--Grid-Bulletin  
[719; 778]

; November 1966

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arvard Bus. Rev.--Harvard Business Review  
501; 754]

erald Libr. Sci.--Herald of Library Science  
271] 1089; 1271; 1416; 1449; 1457

orn Book Mag.--Horn Book Magazine  
344

osp. Progr.--Hospital Progress  
381

uman Fact.--Human Factors  
341

ASLIC Bull.--Indian Association of Special Libraries and Information  
entres Bulletin  
383

ATUL Proc.--International Association of Technical University Libraries  
proceedings  
154; 1158; 1340

BM J. Res. Develop.--IBM Journal of Research and Development  
27]

BM Nach.--IBM Nachrichten  
281

EE Proc.--IEEE Proceedings  
366]

EE Spectrum  
18; 129; 251; 295; 296; 374; 422; 458; 464; 470; 697; 856; 870] 1107; 1124;  
149; 1240

EE Trans. Electron. Comput.--IEEE Transactions on Electronic Computers  
33; 94; 136; 170; 333]

EE Trans. Eng. Manage.--IEEE Transactions on Engineering Management  
117]

EE Trans. Engr. Writ. Speech--IEEE Transactions on Engineering Writing  
and Speech  
301] 1413

EE Trans. Hum. Factors Electron.--IEEE Transactions on Human Factors  
in Electronics  
506]

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IEEE Trans. Microwave Theory Tech.--IEEE Transactions on Microwave Theory  
and Techniques  
[1021]

Illinois Libr.--Illinois Libraries  
1174

Ind. Electron.--Industrial Electronics  
1312

Ind. Res. News--Industrial Research News  
[924]

Indexer  
[23; 24; 74; 100; 226; 317; 393]

Inform. Control.--Information and Control  
[52; 576]

Inform. Display--Information Display  
[195] 1038; 1045; 1133; 1134; 1214; 1242; 1268; 1306; 1327; 1348; 1354;  
1374

Inform. Retr. Lett.--Information Retrieval Letter  
[481; 831]

Inform. Stor. Retr.--Information Storage and Retrieval  
1189; 1468

Inspel  
1323; 1326

Int. Bus. Automat.--International Business Automation  
1401

Int. Com.--International Commerce  
[985]

Int. Sci. Technol.--International Science and Technology  
[15; 123; 370; 463; 706; 707] 1325

Iron Age  
[908]

J. Account.--Journal of Accountancy  
[748]

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J. Amer. Coll. Health Assn.--Journal of the American College Health Association  
[552]

J. Ass. Comput. Mach.--Journal of the Association for Computing Machinery  
[768]

J. Chem. Doc.--Journal of Chemical Documentation  
[65; 67; 109; 177; 210; 272; 282; 284; 473; 487; 664; 669; 728; 813; 832;  
903; 921; 942; 997; 1008; 1019] 1044; 1176; 1222; 1226

J. Chem. Educ.--Journal of Chemical Education  
[225]

J. Commun.--Journal of Communication  
1334

J. Data Manage.--Journal of Data Management  
1421

J. Doc.--Journal of Documentation  
[72; 197; 511; 542; 643; 691; 760; 773; 795; 892; 896; 909; 1006; 1011]

J. Educ. Data Process.--Journal of Educational Data Processing  
1027; 1493

J. Exp. Psychol.--Journal of Experimental Psychology  
[793; 915]

J. Iron Steel Inst.--Journal of the Iron and Steel Institute  
1378; 1483

J. Libr. Hist.--Journal of Library History  
[539] 1379

J. Mat.. Anal. Appl.--Journal of Mathematical Analysis and Applications  
[513]

J. Med. Ass. Alabama--Journal of the Medical Association of the State  
of Alabama  
[818]

J. Med. Educ.--Journal of Medical Education  
[712]

J. Optic. Soc. Amer.--Journal of the Optical Society of America  
[716]

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J. Petrol. Technol.--Journal of Petroleum Technology  
[688]

J. Phil.--Journal of Philosophy  
1441

J. Psychol.--Journal of Psychology  
[301]

Karger Gaz.--Karger Gazette  
1254

Knihovnik (Prague)  
[249]

Lancet  
[515]

Laryngoscope  
[525]

Law Libr. J.--Law Library Journal  
1437

Libr. Ass. Rec.--Library Association Record  
[322; 471; 543] 1068; 1233; 1414; 1466; 1480

Libr. Congr. Inform. Bull.--Library of Congress Information Bulletin  
103<sup>4</sup>; 1066; 1100; 1104; 1116; 1119; 1207; 1208; 1229; 1243; 1298; 1320;  
1342; 1343; 1352; 1359; 1396; 1455; 1462

Libr. J.--Library Journal  
[3; 29; 323; 341; 420; 483; 484; 499; 500; 502; 507; 514; 538; 540; 551;  
572; 573; 627; 637; 651; 658; 661; 666; 668; 740; 744; 779; 783; 790; 815;  
830; 835; 836; 872; 882; 899; 918; 939; 972; 995] 1035; 1052; 1087; 1130;  
1179; 1218; 1225; 1265; 1322; 1338; 1355; 1424; 1434; 1486

Libr. Quart.--Library Quarterly  
[546] 1488

Libr. Resour. Tech. Serv.--Library Resources & Technical Services  
[32; 82; 85; 92; 132; 133; 137; 167; 209; 218; 238; 263; 267; 274; 332; 353;  
384; 405; 429; 448; 451; 465; 858; 929; 952] 1074; 1088; 1102; 1135; 1167;  
1200; 1202; 1292; 1308

Libr. Rev.--Library Review  
1277

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Libr. Sci. Slant Doc.--Library Science with a Slant to Documentation  
[527] 1387

Libr. Trends--Library Trends  
[697]

Libr. World--Library World  
[116] 1153; 1223

Libri  
1284; 1465

Mach. Design--Machine Design  
1053; 1303

Magyar Tud. (Hungary)--Magyar Tudomany (Hungary)  
[862]

Manage. Account.--Management Accounting  
1071

Manage. Rev.--Management Review  
[642; 710]

Manage. Serv.--Management Services  
1023; 1073; 1091; 1105; 1118; 1241; 1339; 1418; 1440; 1463

Manitoba Med. Rev.--Manitoba Medical Review  
[695]

Manuf. Chem.--Manufacturing Chemist  
1109; 1472

Manuf. Chem. Aerosol News--Manufacturing Chemist and Aerosol News  
1246

Maroc Med.--Maroc Medicine  
[676]

Mashinostroitel  
1386

Mater. Design Eng.--Materials in Design Engineering  
[675]

Mech. Eng.--Mechanical Engineering  
[386] 1253

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Metal Finish.--Metal Finishing  
[631]

Metalwork. Prod.--Metalworking Production  
[816]

Meth. Inform. Med.--Methods of Information in Medicine  
[50; 102; 130; 152; 159; 160; 302; 375; 383; 476] 1273

Missouri Med.--Missouri Medicine  
[291]

Mod. Photogr.--Modern Photography  
[231]

M.U.L.L.--Modern Uses of Logic in Law  
1237

Music Libr. Ass. Notes--Music Library Association Notes  
1293

Nach. Dok.--Nachrichten für Dokumentation  
[118; 139; 142; 155; 180; 324; 381; 386; 412; 426] 1051; 1181; 1194; 1349;  
1383; 1454

Nat. Ass. Sci. Writers Newslett.--National Association of Science Writers  
Newsletter  
[320]

Nat. Bur. Stand. Tech. News Bull.--National Bureau of Standards Technical  
News Bulletin  
[820; 958]

Nat. Micro-News--National Micro-News  
[40] 1193

Nature  
[233; 359]

Nauch.-Tekh. Inform.--Nauchno-Tekhnicheskaya Informatsiya (USSR)  
[632; 925; 1014] 1266

Nauka Zhizn--Nauka i Zhizn (U.S.R.)  
[377]

Navy Manage. Rev.--Navy Management Review  
[837]

N. C. Libr.--North Carolina Libraries  
130+

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New Engl. J. Med.--New England Journal of Medicine  
[39]

New Repub.--New Republic  
1397

New Sci.--New Scientist  
1211

NSRDS News--National Standards Reference Data Systems News  
[829; 958] 1086; 1110; 1450

Occup. Psychol.--Occupational Psychology  
[86]

Off. Equip.--Office Equipment  
1380

Off. Meth. Mach.--Office Methods and Machines  
1272

Office  
[1002]

Ohio Libr. Ass. Bull.--Ohio Library Association Bulletin  
1368

OMKDK Modsz. Kiadv.--OMKDK Módszertani Kiadványok  
1376

Patent (USSR)  
[25]

Percept. Motor Skills--Perceptual and Motor Skills  
[685]

Percolator  
[6; 55; 168; 428]

Phys. Today--Physics Today  
[31; 269; 457; 541; 865; 984] 1192

Planovoe Khoz.--Planovoe Khozyaistvo (USSR)  
[746]

PNLA Quart.--PNLA [Pacific Northwest Library Ass.] Quarterly  
1257

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Postgrad. Med. J.--Postgraduate Medical Journal  
[592; 696]

Print in Brit.--Print in Britain  
1260

Print. Technol.--Printing Technology  
[626]

Probl. Pered. Inform. (USSR)--Problemy Peredachi Informatsii (USSR)  
[986]

Prod. Eng.--Product Engineering  
[81; 503; 611; 739; 824; 881; 983]

Program  
1301; 1491

Psychol. Reports--Psychological Reports  
[701]

Publ. Week.--Publisher's Weekly  
[581; 605; 628; 784; 789] 1439

Pulp & Paper Mag. Can.--Pulp and Paper Magazine of Canada  
[49]

Quart. J. Libr. Cong.--Quarterly Journal of the Library of Congress  
[526]

Radio Electron. Eng.--Radio & Electronic Engineer  
[834]

Radiology  
[975]

Read. Dig.--Reader's Digest  
[734]

Recent Develop. (CLR)--Recent Developments (Council on Library Resources)  
[16; 35; 191; 192; 193; 194; 244; 356; 358; 382; 401; 432; 509; 682; 683;  
738; 845; 993] 112,

Res./Develop.--Research/Development  
[87; 690]

Res. Rev.--Research Review (Office of Aerospace Research)  
[964] 1452

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Res. Lab. Bull.--Research Laboratory Bulletin (General Electric Co.)  
[409]

Rev. Int. Doc.--Revue Internationale de la Documentation  
[125; 171; 231; 325]

Sat. Rev.--Saturday Review  
[961]

Sci. Amer.--Scientific American  
[800; 828; 851; 871; 951; 957; 960] 1120; 1165; 1171; 1197; 1302

Sci. Inform. Notes--Scientific Information Notes  
[537; 561; 578; 607; 608; 625; 638; 640; 654; 735; 786; 787; 825; 848; 885;  
900; 901; 926; 974; 991; 992]

Sci. J.--Science Journal  
1372; 1467

Sci-Tech News  
[91; 260; 415; 891; 894; 953]

Science  
[1; 2; 53; 157; 162; 305; 344; 345; 468; 478; 486; 517; 599; 624; 684; 686;  
777; 814; 857; 864; 878; 936; 980; 1017] 1022; 1076; 1203; 1307; 1335

SDC Mag.--SDC Magazine  
[402; 559]

Signal  
[677]

Southeast. Libr.--Southeastern Librarian  
[205]

Sovet. Belorussiya--Sovetskaya Belorussiya (USSR)  
1386

Spec. Libr.--Special Libraries  
[7; 12; 13; 38; 41; 48; 60; 61; 62; 63; 90; 95; 112; 119; 126; 130; 146;  
204; 214; 215; 216; 217; 236; 240; 253; 264; 265; 266; 273; 286; 289; 294;  
327; 352; 354; 355; 360; 361; 363; 367; 399; 407; 414; 419; 454; 456; 521;  
536; 557; 574; 770; 890] 1037; 1046; 1096; 1137; 1184; 1215; 1345; 1362;  
1411; 1429; 1436; 1461; 1471; 1484

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Statist. Prax.--Statistica Praxis (East Germany)  
[772]

Steel  
[839; 883]

Stud. Cercet. Geofiz.--Studii si Cercetari de Geofizica  
[746]

Survey. Munic. Eng.--Surveyor and Municipal Engineer  
[563]

Syst. Proced. J.--Systems and Procedures Journal  
1026; 1042; 1151; 1236; 1283

Systems  
[11; 497; 506; 600; 617; 646; 723; 725; 730; 796; 799; 823; 843; 855; 866;  
879; 919; 956; 981; 982; 998] 1080; 1090; 1111; 1140; 1152; 1170; 1212; 1332;  
1356; 1473

TAPPI--TAPPI (Technical Association of the Pulp and Paper Industry)  
[766]

Tech. Knih.--Technicka Knihovna  
1382; 1447

Tech. News Bull. (NBS)--Technical News Bulletin (National Bureau of  
Standards)  
[829; 958] 1086; 1110; 1450

Tekh. Voor.--Tekhnika i Vooruzhenie (USSR)  
[764]

Textile Inst. Ind.--Textile Institute and Industry  
1395

Text. World--Textile World  
[844]

Tidschr. Dok. (Sweden)--Tidschrift für Dokumentation  
[293]

Tijdschr. Effic. Doc.--Tijdschrift voor Efficientie en Documentatie  
1431

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CLA Libr.--UCLA Librarian  
204

CLA Med.--UCLA Medicine  
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ESCO Bull. Libr.--UNESCO Bulletin for Libraries  
162; 590; 689; 869; 928] 1245; 1346; 1479

ip. Yazykoz.--Voprosy Yazykoznaniya  
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ll. St. J.--Wall Street Journal  
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st. Union Tech. Rev.--Western Union Technical Review  
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lson Libr. Bull.--Wilson Library Bulletin  
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